

## **UPGRADE PROCEDURES FOR MODIFIED DEVELOPMENTAL TESTING (MDT) SITES**

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1. **PURPOSE.** This document provides guidance for any site upgrading to the GCCS 3.0 Phase 1 Operational Test (OT) build from GCCS 3.0 MDT Releases (5 November and before). These sites include MDT sites [CENTCOM, SOCOM, TRANSCOM, ACOM, FORSCOM, JITC, JDEF], select NMCC systems, services and developers.
2. **APPLICABILITY.** This guidance is applicable to all MDT systems. CENTCOM systems that were loaded with beta releases of OT fixes (primarily for COP fixes) should skip the deinstallation steps and begin with installation of new and replacement segments.
3. **BACKGROUND.** These procedures guide sites through the process of implementing the fixes made to GCCS as a result of MDT findings. The general nature of the upgrade process is fairly simple, involving:
  - a) Deinstallation of segments that establish background processes or that use advanced features of the GCCS Account Group;
  - b) Deinstallation of the old GCCS Account Group
  - c) Installation of the new GCCS Account Group
  - d) Installation of new or replacement segments
4. **SPECIFIC UPGRADE PROCEDURES:**

**Step 1. Use this document as a guide, but ENSURE THAT YOU ALSO READ AND FOLLOW THE RELEASE BULLETINS WHENEVER INSTALLING ANY OLD OR NEW SEGMENTS.**

**Step 2.** Inventory your shipment of OT tapes. The Solaris version consists of five Solaris tapes ( 8 mm and/or 4 mm) and the HP version consists of three 4 mm tapes. Tapes were sent FedEx from DISA Center for Integration, Sterling, VA on 19 Dec 97. The tapes were sent with a list of segments. Confirm delivery with GTAC and CFI. If you have any questions, contact DISA/Configuration Management at cm@ncr.disa.mil.

**Step 3.** Download new System Documentation from DISA's GCCS web servers. System level documentation consists of the Installation Procedure (IP) with release bulletin appendices, System Administration Manual (SAM), Software User's Manual (SUM), and the Software Version Description (SVD). Print documents if desired.

**Step 4.** Install Printer Fix 1 from the SIPRNET FTP server. **THIS IS NEEDED TO PRESERVE YOUR EXISTING PRINTER CONFIGURATIONS!**

**Step 5.** For upgrades to CENTCOM machines mentioned in para 2 above, skip to Step 4c. All others should start at Step 4a:

**Step 5a.** Deinstall the segments listed in Table 1 in the order given.

**Table 1 - GCCS 3.0 MDT Segments to Deinstall**

<b>Segment to Deinstall</b>	<b>Notes:</b>
UB	Logoff / Logon Again
UB Secret Data	Logoff / Logon Again
JMTK	Logoff / Logon Again
COP Sync Tools	Logoff / Logon Again
Joint Process Monitor	Logoff / Logon Again
Joint TCIM Interface	Logoff / Logon Again
LVIS	Logoff / Logon Again
C4I Common Extensions	Logoff / Logon Again
C4I Common Printer	Logoff / Logon Again
Link 11 Interface	Logoff / Logon Again
Link 11 Admin	Logoff / Logon Again
GPS Time	Logoff / Logon Again
COP_Time_Sync	Logoff / Logon Again
GCCS NTP (GNTP )	Logoff / Logon Again
GCCS Network Time Protocol (GNTP)	Logoff / Logon Again
TBMWD	Logoff / Logon Again
NRTIG	Reboot afterward last UB-related segment
APPLIX	Reboot afterward
GRIS	Reboot afterward
SS	Reboot afterward

**Step 5b.** Deinstall the old GCCS Account Group (version 3.0.0.2/1.0) *according to the Software Users Manual for Global Command and Control Systems Account Group, dated 1 Dec 1997.*

**Step 5c.** Install the new GCCS Account Group from the OT Tapes (version 3.0.0.3/.01). Again, *follow the Account Group Users Manual carefully.*

**Step 5d.** Reinstall UB-related segments - *except do not reinstall GPSTIME, COP Time Synch.* They are all replaced by GCCS Network Time Protocol (GNTP). Also, reinstall PRFIX1 after reinstalling C4I Common Printer.

**Table 2 – UB-Related Segments to ReInstall/Replace from MDT Systems**

<u>Segment</u>	<u>Replacement ?</u>	<u>Solaris</u>	<u>Replacement ?</u>	<u>HP</u>
UB		3.0.2.5		3.0.2.5
UB.P3 (Replaces all previous UB patches)	*	3.0.2.5P3	*	3.0.2.5P3
UB Secret data (from FTP server)		3.0.1.5		3.0.1.5
JMTK		1.0.0.10		1.0.0.10
JMTK.P3	*	1.0.0.10P3	*	1.0.0.10P3
COP Sync Tools		1.0.3.3/1.0		1.0.3.3/1.0
Joint Process Monitor	*	1.0.0.4/.01		1.0.0.3
Joint TCIM Interface		2.0.0.4		N/A
LVIS		1.4.1.2		1.4.1.2
C4I Common Extensions		1.0.0.0		1.0.0.0
C4I Common Printer	*	3.0.2.7	*	3.0.2.7
Printer Fix 1 ( <i>Install Immediately After C4I Common Printer</i> )	*	3.0.2.7	*	3.0.2.7
Link 11 Interface		3.0.4.2		3.0.4.2
Link 11 Admin		3.0.4.2		3.0.4.2
TBMWD		4.0.0.0		4.0.0.0
NRTIG		1.0.0.1 (from FTP server)		1.0.0.1 (from FTP server)
GCCS Network Time Protocol (GNTP)	*	1.1.0.0	*	1.1.0.0

**Step 5e.** Reinstall APPLIX, GRIS, and SS if required from OT Tapes or DISA's FTP server.

**Table 3 – Other Segments to be Reinstalled after Installing New Account Group**

<u>Segment</u>	<u>Replacement ?</u>	<u>Solaris</u>	<u>Replacement ?</u>	<u>HP</u>	<u>Location</u>
APPLIX		3.0.0.2		1.0.0.1	OT Tape
GRIS	*	3.0.0.7		N/A	FTP server
SS	*	3.0.0.2		N/A	OT Tape

**Step 6.** Deinstall superseded segments and install replacement segments from OT Tapes or the FTP server.

Note: *Exception – **DO NOT** Deinstall/Reinstall Volume Manager (VXVM) although a new version of Volume Manager is provided on the OT Tapes. The new Volume Manager is intended only for systems being built new.*

**Table 4 – Segments Redelivered since MDT**

<b>Segment</b>	<b>Solaris</b>	<b>HP</b>	<b>Location</b>
AHQ	3.0.0.0/.05	Same as MDT	OT Tape
SM	3.0.0.0/.03	Same as MDT	OT Tape
DB_SELECT	3.0.0.1	Same as MDT	OT Tape
ESISRV	2.0.0.1/.02	N/A	OT Tape
GCCSDB.P1	3.0.0.1P1/.01	N/A	OT Tape
Newsprint Software	2.0.0.2	N/A	OT Tape
OLSAFE	3.0.0.1/.03	N/A	OT Tape
PDR	2.0.0.2	Same as MDT	OT Tape
PDRSRV	2.0.0.2	N/A	OT Tape
PDRJOP	3.0.0.3	N/A	OT Tape
C4I Common Printer	3.0.2.7	3.0.2.7	OT Tape
RDA	Same as MDT	2.0.0.3	OT Tape
RDASRV	2.0.0.3	N/A	OT Tape
SMC	3.0.0.2/.02	N/A	OT Tape
SMDBRY	3.0.0.0/.03	N/A	OT Tape
SMIDB	3.0.0.1/1.0	N/A	OT Tape
SS	3.0.0.2	N/A	OT Tape
SYSMAN	TBD	N/A	FTP server
TPDATA	1.0.0.8	N/A	OT Tape
CBD	TBD	TBD	FTP server
EMPIRE	TBD	TBD	FTP server
GSORTS	4.1.0.4	N/A	FTP server
IMSFRM	TBD	N/A	FTP server
SMINT	TBD	N/A	FTP server
SMINT_X	TBD	N/A	FTP server
SYSERV	TBD	N/A	FTP server
WIKI client	2.0.0.3	2.0.0.4	OT Tape
WIKI Server	2.0.0.3	2.0.0.5	OT Tape

**Step 7.** Install new segments (from Table 5) added since MDT.

**Table 5 – New Segments Added Since MDT**

<b>Segment</b>	<b>Solaris Location</b>	<b>HP Location</b>
COE Patch 7	N/A	OT Tape
REBOOT	OT Tape	OT Tape
COE Patch 9	OT Tape	N/A
JDISS Account Group	OT Tape	N/A
JDISS Electronic Light Table 4000	OT Tape	N/A
JDISS Desktop Chatter	OT Tape	N/A
JDISS Coliseum Client	OT Tape	N/A
JDISS License Manager	OT Tape	N/A
JDISS Image Exchange	OT Tape	N/A
WINDDI	OT Tape	N/A
SALIGN	FTP server	FTP server
FVT	FTP server	N/A
JSRV	FTP server	N/A
RQT	FTP server	N/A
Remote Access Patch 1	FTP server	FTP server
PRFIX1	FTP server	FTP server

**Step 8.** Report completion of these procedures to GTAC.